Author Index
Volumes 21 and 22

Aitken, R.J., 22:259
Amberg, G., 22:141
Akima, M., 22:103
Amberg, G., 22:157
Armour, J.A., 22:37
Astolfi, M., 22:243
Bansinath, M., 21:21
Barnes, P.J., 21:309
Bellini, O., 21:317
Bernardini, 21:317
Bibik, K., 21:247
Biggs, D.F., 22:19
Bishop, J., 21:183
Bogaert, M.G., 22:185
Böhm, M., 21:33
Boschetto, P., 21:309
Boudier, H.A.J.S., 21:287
Bradu, D., 22:219
Braga, P.C., 22:1
Brockway, B., 21:129
Buylaert, W.A., 22:185
Calle, P.A., 22:185
Cardini, G., 21:317
Carlsson, A., 22:113
Cashin, C.H., 21:183
Clement, J.G., 21:129; 22:25
Coker, S.J., 21:263
Coleman, R.A., 21:71
Concettoni, C., 22:219; 22:233
Conte, B., 22:243
Daemen, M.J.A.P., 21:287
Danesi, R., 21:317
Danjou, P., 21:61
Dawson, R.M., 22:65
De La Lande, I.S., 21:171
Del Tacca, M., 21:317
Dhein, S., 22:197
Diamant, B., 22:49
Diet, F., 21:33
DiMeo, T.M., 22:133
Di Sarra, B., 22:219; 22:233
Dyck, W.R., 22:25
Ediss, C., 22:19
Elsenhans, B., 21:281
Erdmann, E., 21:33
Ford, R.W., 22:7
Fraeyman, N., 21:299
Giusti, P., 22:233
Godin, D.V., 22:289
Griffiths, R., 22:59
Griswold, D.E., 21:13
Hallström, Å., 22:113
Hanson, R.C., 21:231
Hasegawa, T., 21:1
Hassen, A.H., 21:155
Hayashi, Y., 22:249
Head, R.J., 21:171
Herd, C., 21:45
Hill, D.E., 21:13
Hillegass, L., 21:13
Hillered, L., 22:113
Hirkaler, G.H., 21:123
Ienaga, K., 21:211
Imagawa, J.-I., 22:103
Itoh, T., 21:115; 21:255
Jackson, L.S., 22:125
Jamieson, L., 21:329
Jamieson, W.R.E., 22:289
Jeffery, D.A., 22:277
Jenkins, L.C., 22:7
Jensen, M.B., 22:49
Johnson, K.M., 161
Johnstone, D.E., 22:37
Jones, S.M., 21:161
Keller, N., 21:329
Kinoshita, S., 22:13
Klaus, W., 22:197
Ko, K.M., 22:289
Kobayashi, M., 21:1
Kondo, N., 21:211
Kopia, G.A., 21:13
Koskinen, L., 21:87
Kreppel, H., 21:281
Krumpl, G., 22:77; 22:93
Lacomblez, L., 21:61
Lee, K.C., 21:141
Levy, G., 21:223
Lewis, A., 22:59
Lewis, E.J., 21:183
Lindefors, N., 22:141
Long, A., 22:59
Lopez, G., 22:243
Lorenc, R.S., 21:247
Łukaszkiewicz, J., 21:247
MacLeod, K.M., 22:277
Maloff, B.L., 22:133
Maruyama, I., 21:1
Masuda, Y., 21:115; 21:255
Matsuno, H., 22:249
Matsuo, K., 22:265
McBride, A., 21:103
Meckoll-Brinck, D., 21:329
Mills, P., 21:129
Miyate, H., 21:115; 21:255
Momose, K., 21:1
Moretti, V., 22:219
Morita, S., 22:265
Morley, J., 21:45
Müller, A., 22:197
Murai, S., 21:115; 21:255
Nagahama, H., 21:115; 21:255
Nails, A.T., 21:71
Nakagawa, H., 22:13
Nakano, K., 21:211
Nakashima, M., 22:249
Noronha-Blob, L., 21:231
Ohara, H., 21:211
Ohtsuka, K., 21:1
Oyamada, H., 21:1
Pagelli, P., 22:219
Panek, D.U., 21:171
Peterson, J.S., 21:231
Pieske, B., 21:33
Plunkett, W.C., 21:155
Porius, A.J., 21:95
Prinzen, F.W., 21:287
Puech, A.J., 21:61
Puig, M.M., 21:21
Qayumi, A.K., 22:289
Raberger, G., 22:77; 22:93
Ramabadran, K., 21:21
Ratnasooriya, W.D., 22:259
Re, L., 22:219; 22:233
Reneman, R.S., 22:207
Robinson, K., 21:103
Rogers, D.F., 21:309
Rosenberger, L.B., 21:123
Rossini, L., 22:219
Saito, H., 21:115; 21:255
Sakai, K., 22:103; 22:265

Sanjar, S., 21:45
Schriefer, J.A., 21:155
Schümann, K., 21:281
Schunder-Tatzber, S., 22:77; 22:93
Sellin, L.C., 21:87
Shaw, J.E., 22:133
Sherief, H.T., 21:13
Shibayama, Y., 21:211
Smith, D., 21:45
Smith, H.J., 21:169
Smits, J.F.M., 21:287
Snell, L.D., 21:161
Somma, V., 22:243
Stafford, J.E.H., 22:125
Stark, G., 21:195
Stark, U., 21:195
Steinberg, H., 21:103
Steiness, E., 22:49
Stitzel, R.E., 21:171
Sykes, E.A., 21:103
Terry, P., 21:103
Thijssen, H.H.W., 21:287
Tillotson, H., 21:103
Timonen, M.K., 21:87
Todt, H., 22:77; 22:93
Tonnini, C., 22:219
Tornquist, K., 21:87
Toyomaki, Y., 21:211
Tritthart, H.A., 21:195
Turndorf, H., 21:21
Uchida, M.-K., 22:265
Uematsu, T., 22:249
Ungerstedt, U., 22:113; 22:141
Vaghadia, H., 22:7
Van Der Wouw, P.A., 21:95
Van De Water, A., 22:207
Van Essen, H., 21:287
Van Reempts, J.L., 22:185
Van Rooij, H.H., 21:95
Vanscheeuwijck, P., 21:299
Verheyen, J., 22:207
Vervoort-Peters, H.T.M., 21:287
Vleeming, W., 21:95
Walker, J.S., 21:223
Wantnabe, K., 22:13
Warot, D., 21:61
Watson-Wright, W.M., 22:37
Wemer, J., 21:95
Wilkinson, M., 22:37
Xhonneux, R., 22:207
Yamamoto, M., 21:211
Yamazaki, T., 22:249

Subject Index
Volumes 21 and 22

Acetylcholine, 21:255; 22:65
Acetylcholine release, 22:233
Acute phase reactants, 21:183
Adenosine, 21:287
Adipose tissue, 22:113
Adjuvant inflammation, 221:183
Agonist, 22:277
Agonist/antagonist potencies, 21:71
Allopurinol, 22:289
α-Adrenoceptors, 22:103
Alveolar, 22:7
Amperometric detection, 21:171
Analgesia, 21:21
Anesthesia, 22:7
Anesthetized dog, 22:207
Anesthetized guinea pigs, 21:231
Anesthetized rabbit, 21:263
Animal model, 21:329; 22:133
Antiarrhythmic, 21:87
Antiarrhythmic activity, 22:197
Antibody production, 22:125
Antibody titre, 21:329
Anticholinesterase, 22:25
Antiinflammatory, 22:133
Antiinflammatory drugs, 21:183
Antispasmodic action, 22:265
Antiviral agent, 22:125
Anular lock, 22:1
Anular washer with ports, 22:1
Aortic insufficiency, 22:249
Apomorphine, 21:61
Aqueous humor PMNs, 21:329
Aqueous humor protein, 21:329
Arrhythmias, 22:77
Arrhythmias, reperfusion, 22:93
Ascorbate, 22:113
Asthma, 21:309
Ataxia, 21:103
Arterial, 22:7
Atropine, 22:25
Atria, 21:87
Autoclassification, 22:219
BASIC, 22:277
β-Adrenoceptors, 22:249
β-Adrenoceptor, 21:299
Binding, 21:161
Binding, receptor, 22:37
Bladder, 21:231
Bladder, canine, 22:103
Blood, 22:113
Blood flow, hepatic, 21:287
Blood, resicdual content, 21:281
Blood serum, vitamin D in, 21:247
Blood vessel wall, 21:171
Body temperature, 21:129
Brain, 22:113
Bretylium, 21:263
Ca antagonists, 22:265
Ca channel blockers, 22:265
Caffeine, 22:259
Canine cardiac tissue, 21:13
Canine urethra and bladder in vivo, 22:103
Cannulae, implanted, 22:59
Cannulation, chronic, 22:59
Catecholamine, 22:249
Catechol estrogens, 21:171
Catechol O-methylation, 21:171
Carbon dioxide, 22:7
Cardiac, 21:87
Cardiac hypertrophy, 22:249
Cardiac pacing, 21:195
Cardiac performance, in the rat, 21:95
Cardiac preparations, isolated, 21:33
Cardiac tissue, canine, 21:13
Cardiac ventricular myocytes, isolation of, 22:49
Cardiopulmonary arrest, 22:185
Cardiotoxicity, 21:317
Cell harvester, 21:299
Cell surface β-adrenergic receptors, 22:37
Centrifugal analyzer, 21:183
Chemotaxis assay, 22:13
Cholinergic agonists, 22:219
Chemically induced degeneration, 22:243
Choline, 21:255
Cholinergic receptor, 22:219
Cholinesterase inhibitor, 21:1
Chromatography, liquid, 21:211
Cholinolytic, 22:25
Chronic cannulation, 22:59
Chronic instrumentation, 22:59
Computer, 21:87
Computer programs, 22:277
Computer technology, 22:233
Computer treatment, 21:103
Conscious dogs, 22:77; 22:93
Core temperature, 21:129

Coronary artery occlusion, 21:263; 22:77
Cutaneous blood flow, 21:123
Cyclic AMP, 22:265
Cystometrogram, 21:231
Cystometrograms, 22:243
Decapitation, 21:155
Dexamethasone, 22:133
DFP, 21:1
Diffusion, 21:171; 22:141; 22:157
Disposable plate, 22:13
Dissociation constants, 22:277
Dogs, 21:141; 21:317; 22:65; 22:77; 22:93; 22:103; 22:217
Dopamine, 22:65
Doxorubicin, 21:317
DPI 201-106, 21:33
Drugs, 21:61
Drugs, cardiac, 21:93
Dual dye staining, 21:13
Duration, 22:25
Dyes, 21:13
ECG, 21:195; 21:317
Electrical stimulation, 21:71
Electrocardiogram, 22:207
Electrochemical detection, 21:115; 21:255
Electrodes, implanted, 22:59
Electromagnetic flowmeter, 21:287
Elutriation, 22:49
Endogenous opioid systems, 21:21
End-tidal, 22:7
Epicardial mapping, 22:197
Erection, 21:61
Erythrocytes, residual, 21:281
Evan's blue, 21:13
Extracellular concentration, 22:141
First screening, 22:265
Footprints analysis, 21:103
γ-aminobutyric acid, 21:115
Ganglia, pelvic, 22:243
Glycated hemoglobin, 21:211
Glycine, 21:161
Guinea pig, 21:1; 21:45; 21:231; 21:309; 22:37
Guinea-pig striatum, 22:65
Guinea-pig trachea, 21:71
Hamster, 22:37
[^{3}H]CGP-12177, 22:37
HCl, 22:243
Healthy volunteer, 21:61
Heart failure, 21:33
Heart-lung transplantation, 22:289
Heart rate, 22:207
Hemodynamics, 21:141
Hemoglobin, glycated, 21:211
Hepatic blood flow, 21:287
Hexamethonium, 22:219
High performance liquid chromatography, 21:115; 21:255
His bundle, 21:195
Histopathology, 22:185
Holter monitoring, 22:77; 22:93
HPLC, 21:211; 21:255; 21:247; 22:11
Human mononuclear leukocytes, 21:299
Human sperm motility, 22:259
Hyperalgesia, 21:21
Hypertrophy, cardiac, 22:249
Hypogastric nerve stimulation, 22:103
Hypothermia, 21:129
Immobilzation method, 21:21
Immobilized enzyme column, 21:255
Immunoconjugate synthesis, 22:125
Immunological determination, 21:281
Increased field of observation, 22:1
^{111}Indium-oxine, 21:45
Indocyanine green, 21:287
Inflammation, 22:133
Inflammation, adjuvant, 21:183
Inflammation, iris, 21:329
Injector-mounted percolumn, 21:247
Interleukin-1 (IL-1), 22:133
Inotropic, 21:87
Inotropic drugs, 21:95
Iodocyanopindolol, 21:299
Iris inflammation, 21:329
Ischemia, 21:263; 22:77
Ischemic/reperfusion injury, 22:289
Isolated cardiac preparations, 21:33
Isolation, 22:49
JT intervals, 21:317
Kinetics, diffusion, 22:141; 22:157
Lactate, 22:113
Langendorff heart preparation, 21:195
Laser doppler velocimetry, 21:123
Leukocyte, chemotaxis, 22:13
Leukocytes, mononuclear, 21:299
Maximum likelihood, 22:219
Mechanical ventilation, 22:7
Method, 22:207
Microdialysis, 22:113; 22:141; 22:157
Microplate reader, 22:13
Microscopy, 22:1
Microspheres, 21:287
Microvascular permeability, 21:309
Micturition, 21:231
Milrinone, 21:33
Minoxidil, 21:123
Mononuclear leukocytes, human, 21:299

Morphine, 21:21
Morphology, 22:49
Mouse, 21:21; 21:129; 21:211; 22:13; 22:25
Mouse brain areas, 21:255
Mouse brain regions, 21:115
Mouse gait, 21:103
Movement characteristics of sperm, 22:259
Multidimensional scaling, 22:219
Muscle, 21:1; 22:113
Muscle, smooth, 21:71
Myeloperoxidase, 21:13; 22:133
Myocardial infarction, 21:13; 21:95
Myocardial slice, 22:37
Myocardial reperfusion, 22:77; 22:93
Myocytes, 22:49
Naloxone, 21:21
Nerve stimulation, 22:103
Neurololgical damage, 22:185
Neuromuscular junction, 22:233
Neurotransmitters, triated, 22:65
Neutrophil, 22:133
Newborn, 22:49
96-well plate, 22:13
N-methyl-D-asparate, 21:161
Nociceptive reaction, 21:21
NONLIN, 22:277
Norepinephrine, 21:171
Nucleosides, 22:125
Occlusion, 22:77
Occlusion/reperfusion arrhythmias, 22:77
Oedema, 21:309
o-phthalaldehyde precolumn derivation, 21:115
Oxotremorine, 21:123
Oxybutynin, 21:231
Pellets, 21:223
Pelvic ganglia, 22:243
Penile tumescence, 21:61
Perfused heart, 21:95
Perfusion chamber, 22:1
Permeability, microvascular, 21:309
Pharmacokinetics, 22:59
Pharmacology, 22:59
Phencyclidine, 21:161
Phenylephrine, 21:287; 22:103
Plasma electrolytes, 21:155
Plasma exudation, 21:309
Platelet activatine factor, 21:309
Platelets, 21:45
Plethysmography, 21:61
Polymorphonuclear leukocytes, 21:13; 22:13
Positive inotropic effects, 21:33
Potassium, 21:155
Prazosin, 22:103
Precolumn, injector mounted, 21:247
Presynaptic receptor, 22:65
Propylthiouracil, 21:223
Pulser, 22:19
Pyruvate, 22:113
QT interval, 22:207
Quinidine, 21:263
Rabbit, 21:263; 21:329; 22:219
Rabbit ear artery, 21:171
Radioimmunoassay, 22:125
Radioligands, binding of, 21:161
Rat, 21:95; 21:123; 21:155; 21:183; 21:211; 21:223; 21:287; 22:7; 22:37; 22:59; 22:113; 22:185; 22:243; 22:249
Rates of onset/offset of action, 21:71
Rapid assembly, 22:1
Rapid screening, 22:13
Reactants, acute phase, 21:183
Receptor, presynaptic, 22:65
Red cell lipid peroxidation, 22:289
Relaxation, ventricular, 21:141
Release, 22:141
Residual blood content, 21:281
Restraining device, 22:59
Reperfusion, 21:263; 22:77
Reperfusion arrhythmias, 22:93
Reperfusion, ischemia injury, 22:289
Rodent, 22:7
Scaling, multidimensional, 22:219
Serotonin, 22:65
Simultaneous two-probe, 21:123
Sinus node, 21:195
Sodium, 21:155
Soman (pinacolyl methylphonofluridate), 21:123
Soman (pinacolyl methylphosphonofluoridate), 22:25
Specificity, 22:125
Sperm motility, human, 22:259
Stimulator, 22:19
Streptozotocin diabetes, 21:211
ST-segment elevation, 21:263
Superfused brain slices, 22:65
Superfusion system, 21:71
Telemetry, 21:129
Theory, 22:157
Thyroid, 21:223
Thyroxine, 21:223
Time-exposure photography, 22:259
Tissue homogenates, 21:281

Transmembrane migration, 22:459
Transmural, 22:19
Transplantation, heart-lung, 22:289
Tremors, 22:25
Triphenyltetrazolium chloride, 21:13
2-Deoxyadenosine, 22:259
Ultrastructural pathology, 21:317
Urethane, 21:231
Urodynamics, 21:231
Vascular endothelium-dependent cholinergic receptor, 22:219
Ventricular fibrillation, 21:263
Ventricular, myocytes, 22:49
Ventricular pressure, 21:141
Ventricular relaxation, 21:141
Vitamin D, 21:247